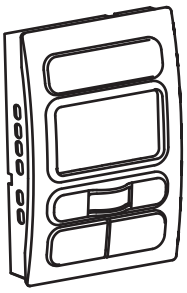
CHAMBERLAIN®

**Model C198**
**LCD Motion Detecting Control Panel**
**OWNERS INSTRUCTIONS**

This door control contains a motion detector which automatically turns your openers light on when it detects a person entering the garage. This feature may be disabled if required.



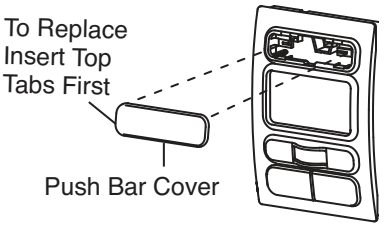
## ⚠ WARNING

Locate the door control within sight of the door at a height of no less than 1.5m (out of the reach of children and away from any of the door's moving parts and hardware).

**INSTALLATION**
The door control is typically attached directly to the wall. However you may use a single gang wall box if installed.

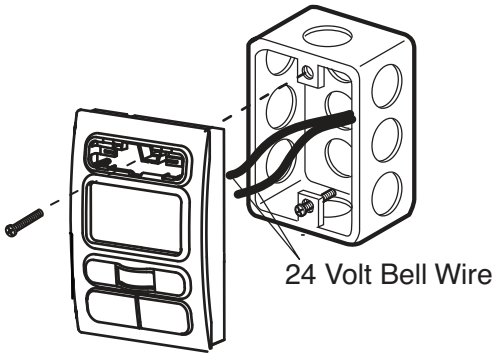
**Note: If installing close to door frames or the switching devices ensure the detector switch (right side of unit) is accessible.**

- Disconnect power to the garage door opener.
- Strip wire insulation approx 6mm and connect wire with Red trace to the "R" terminal, connect white non trace wire to the "W" terminal.
- Remove the push bar by gently prying off the top edge with a flat blade screwdriver or coin.
- For standard wall mounting, mark a position on the wall approximately 20mm above the desired mounting height of no less then 1520mm. Partially fasten the self tapping screw into the wall leaving around 5mm of thread protruding from the wall. Slip the lower part of the cover over screw head and adjust for a snug fit. Ensure the Wall control is level, then fasten the top screw through the hole located at the top of the wall controller. DO NOT OVERTIGHTEN. Run a figure 8 cable up the wall and across the ceiling to the opener, using the insulated staples or surface mount conduit (not provided) to secure cable into place. Take care not to damage cable.




**PRE-WIRED INSTALLATION**

(Wall box not provided)



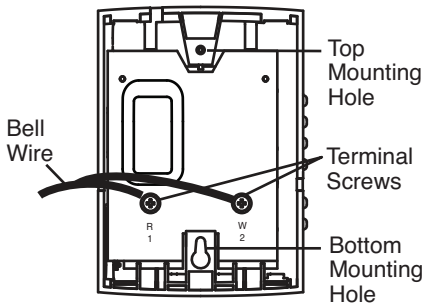

## ⚠ WARNING

DO NOT CONNECT TO LIVE ELECTRICAL WIRING. CONNECT ONLY TO 24 VOLT LOW VOLTAGE WIRES. CONNECTION TO LIVE WIRES OR HIGHER VOLTAGE MAY CAUSE SERIOUS INJURY FROM SHOCK, BURN OR ELECTROCUTION.

Children operating or playing with a garage door opener can injure themselves or others. *The garage door could close and cause serious injury or death.*

Install the door control (or any additional push buttons) out of the reach of children and away from all moving parts of the door and door hardware, *but where the garage door is visible.* Do not allow children to operate the push button(s) or the remote control transmitter(s).

*A moving garage door could injure* someone under it. Activate the opener only when the door is properly adjusted, you can see it clearly, and there are no obstructions to door travel.




(BACK VIEW)

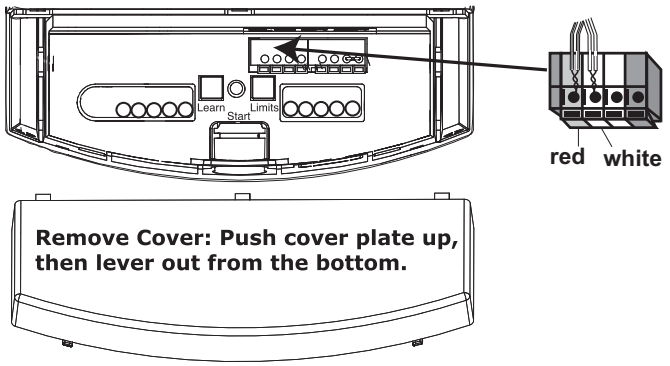
**Opener Connections**
Ensure the power to the unit is off.

**MT60:** Open the light cover at the front of the opener. Direct the bell wire through the rectangular opening located above the openers terminals.
Connect the Red/White wire to the 1 terminal then connect the White wire to the 2 terminal.
**MT600/800/1000:** Connect the Red/White wire to the Red number 1 terminal then connect the White wire to number 2 terminal located on the back of the opener.
**MR600a/800a/MR850:** Remove the diffuser up and away from the opener to expose the terminals.Connect the Red/White wire to the Red terminal located on the unit's control board then connect the White wire to the White terminal.
**MT5580/MT3850:** Connect the Red/White wire to Red terminal located on the back of the opener then connect the White wire to the White terminal.
**CG3800/CG3800R:** Open the flap located on the front of the opener to access the terminals. Connect the Red/White wire to the Red terminal located on the unit's control board then connect the White wire to the White terminal.

**FOR TERMINAL DETAILS SEE NEXT PAGE**

# INPUT TERMINALS FOR COMMON MODELS

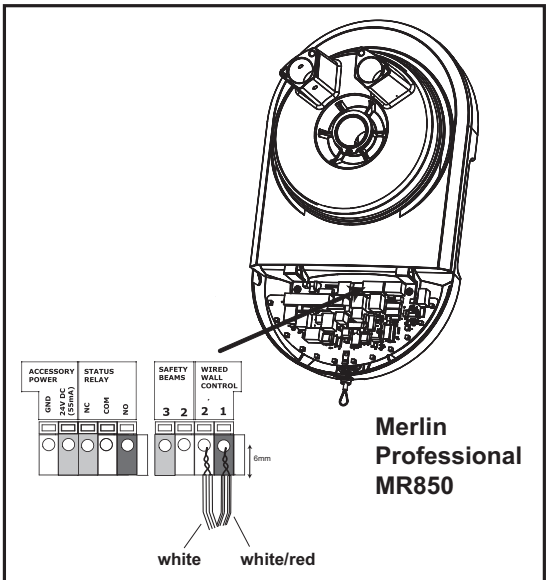
## ROLLER DOOR OPENERS




**Merlin Professional MR800a / MR600a**

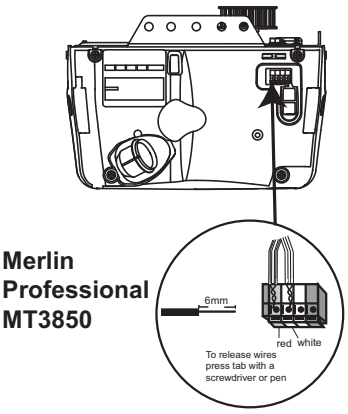
**MotorLift MLR750 MLR500**

**HomEntry HE60R**

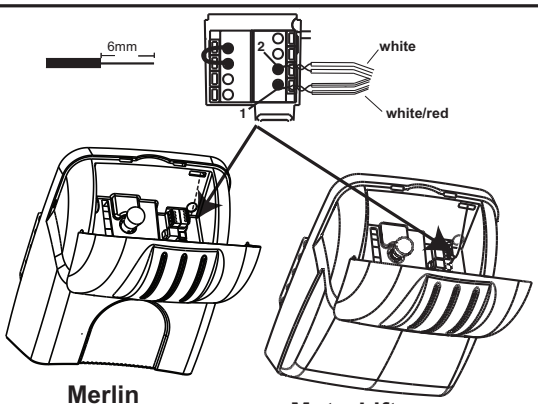



**Merlin Professional MR850**

## SECTIONAL/TILT DOOR OPENERS

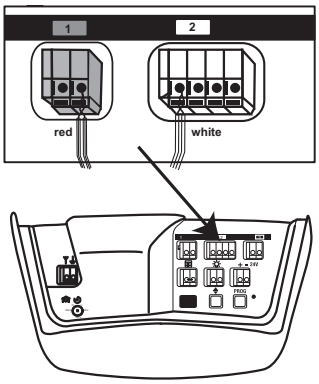



**Merlin Professional MT3850**

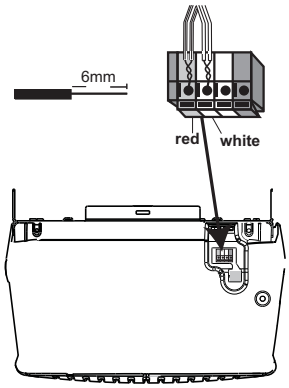



**Merlin Professional MT60**

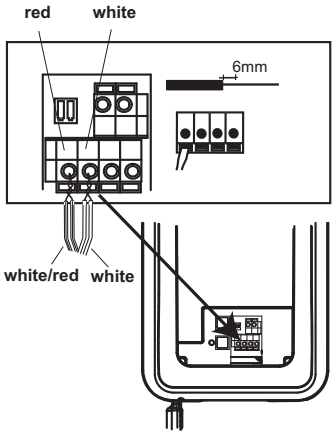
**MotorLift ML750**




**Merlin Professional MT600 / MT800 / MT1000**

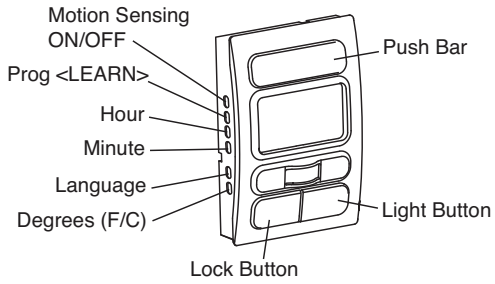



**Merlin professional MT5580**




**Grifco CG3800 CG3800R**

# USING THE C198 LCD MOTION DETECTING CONTROL




Press the push bar to open or close the door. Press again to reverse the door during the closing cycle or to stop the door while it is opening.
This door control contains a motion detector that will automatically turn on the light when it detects a person entering the garage. This feature can be easily turned off for extended work light use.

**Light Feature**

Press the Light button to turn the opener light on or off if desired (the 2-1/2 minute timer will automatically re-engage upon activation of the opener).

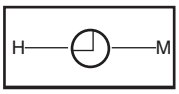
**Lock Feature**

Designed to prevent operation of the door from hand-held transmitters. However, the door will open and close from the wired Door Control, the Outside Keylock and the Keyless Entry Accessories.
To activate, press and hold the Lock button for 2 seconds. The push bar light will flash as long as the Lock feature is on. Locked mode will display on LCD.
To turn off, press and hold the Lock button again for 2 seconds. Locked mode no longer displayed. The Lock feature will also turn off whenever the “learn” button is activated.

**Motion Detecting Light Feature**
The opener light will turn on automatically when a person walks in front of the wall-mounted control console. This feature works by detecting motion and body heat and may not work in temperatures around 100$^0$F or 37.7$^0$C. The opener light will turn on for 2-1/2 minutes, then shut off automatically if no further heat and movement is detected.

To disable this feature, press the Motion Detecting Light On/Off button on the left side of the control console.
It is recommended that the motion sensor be disabled when using the opener lights as working lights to ensure the lights do not time out whilst you are working beyond the sensor range.

**(Prog) Learn Feature**
The control console is equipped with a Prog<LEARN> button to assist in learning transmitters to the unit. Press the Prog<LEARN> button once to initiate LEARN mode and the display will show ‘Learn Remote Control-Press Learn Button Again to Confirm’. Press the Prog<LEARN> button a second time and the display will show ‘Learn Mode – Press Remote Control Button to Learn Remote’. Press the button of the remote control to be learned and the opener light will flash to confirm the transmitter has been learned.




**Hour & Minute Feature**

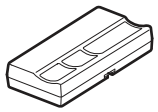
Press or hold either of these buttons to increment the hour or minute displayed on the LCD display.

**(Lang) Language Feature**
Press this side button to toggle between the three languages – English, Spanish and French.

**Degrees F/C Feature**

Press this side button to toggle the temperature units between Fahrenheit and Celsius.

**Additional feature when used with the 3-button hand-held transmitter.**

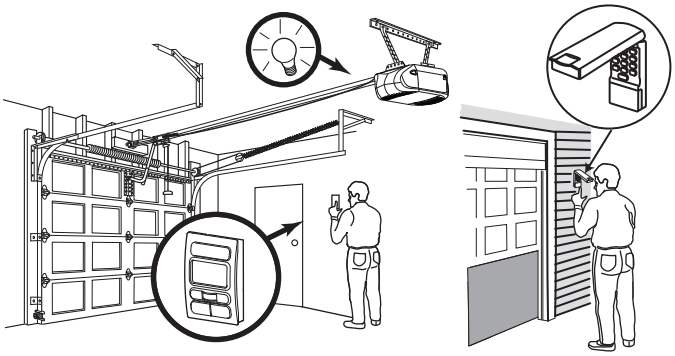


To control the opener lights:
In addition to operating the door, you may program the transmitter to operate the lights.

1. With the door closed, press and hold the button that you want to control the light.
2. Press and hold the Light button on the door control.
3. While holding the Light button, press and hold the Lock button on the door control.
4. After the opener lights flash, release all buttons.

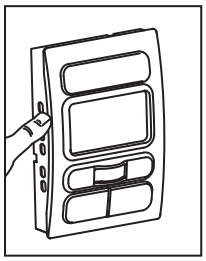
# PROGRAMMING WIRELESS DEVICES USING THE C198

## USING THE MOTION DETECTING CONTROL PANEL TO PROGRAM YOUR KEYLESS ENTRY SYSTEM



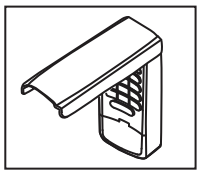
***NOTE:*** *This method requires two people if the Keyless Entry is already mounted outside the garage.*

1. Press the Prog <Learn> button on the Motion Detecting Control Console.

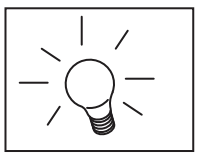


2. Press the Prog <Learn> button again to confirm Learn Mode.

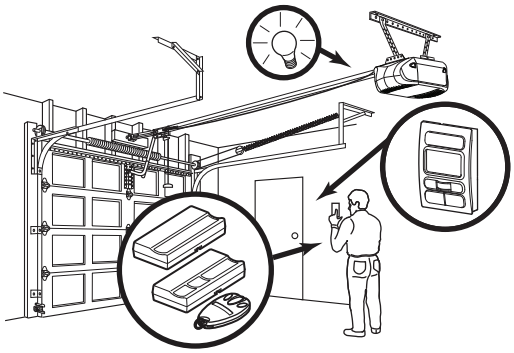
3. Enter a four digit personal identification number (PIN) of your choice on the keypad. Then press ENTER.



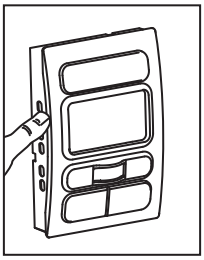
4. When the opener unit lights flash, it has learned the code. If light bulbs are not installed, two clicks will be heard.



## USING THE MOTION DETECTING CONTROL PANEL TO PROGRAM YOUR TRANSMITTER

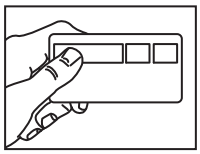


1. Press the Prog <Learn> button on the Motion Detecting Control Console.



2. Press the Prog <Learn> button again to confirm Learn Mode.

3. Press the button on the hand-held transmitter* that you wish to operate your garage door.



4. When the opener's light flashes, it has learned the code. If light bulbs are not installed, two clicks will be heard.

**CONTACT DETAILS:**

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